

BASS REFLEX ACOUSTICAL ENCLOSURE WITH TWO  
SPEAKERS TO ENHANCE ACOUSTICAL PERFORMANCE

## ABSTRACT OF THE DISCLOSURE

5       An apparatus and method is disclosed for enhancing the  
acoustical performance of a dual chamber bass reflex acoustical  
enclosure. The apparatus of the invention comprises a first speaker  
placed within a partitioning wall between a first chamber and a  
second chamber of the acoustical enclosure. The apparatus of the  
10       invention also comprises a second speaker placed within an external  
wall of the first chamber of the acoustical enclosure. The first  
speaker and the second speaker are electrically connected in phase.  
The apparatus of the invention extends the low frequency response  
of the acoustical enclosure to approximately thirty Hertz.